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**27 Rec'd PCT/PTC 18 APR 1995**

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Fodstad, et al. M&G 7885.33USWO

Serial No: 08/403844

Filed : 14 March 1995

For : A METHOD FOR DETECTION OF SPECIFIC TARGET CELLS IN SPECIALIZED OR MIXED CELL POPULATION AND SOLUTIONS CONTAINING MIXED CELL POPULATIONS

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INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of  
Patents & Trademarks  
Washington, D. C. 20231

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 et seq., enclosed please find an international search report and copy of completed PTO-1449 form and copies of each of the documents listed thereon are enclosed. Consideration of each of the documents is respectfully requested. Pursuant to the provisions of MPEP § 609, Applicant further requests that a copy of PTO-1449, marked as having been considered and initialled by the Examiner, be returned with the next official communication.

Applicant represents that the listed documents are cited to comply with the duty of disclosure and that any of the documents submitted may be prior art but reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish otherwise.

UNITED STATES PATENTS

<u>Patent No.</u>	<u>Publication Date</u>	<u>Inventor</u>
4,219,411	08/26/80	Yen et al.
4,710,472	12/01/87	Saur et al.
4,920,061	04/24/90	Poynton et al.

FOREIGN PATENTS

<u>Patent No.</u>	<u>Publication Date</u>	<u>Country</u>
0,016,552	10/01/80	EP
0,395,355	10/31/90	EP
0,403,960	12/27/90	EP
90/07380	07/12/90	WO
90/10692	09/20/90	WO
91/01368	02/07/91	WO
91/09938	07/11/91	WO
91/15766	10/17/91	WO
92/04961	04/02/92	WO

OTHER PUBLICATIONS

C.I. Civin, et al., "Positive stem cell selection - basic science", Progress in Clinical and Biological Research, Vol. 333, 1990, pp. 387-402.

D. Pilling, et al., "The kinetics of interaction between lymphocytes and magnetic polymer particles", National Library of Medicine, File Medline, Medline accession no. 90010165, Sept. 1, 1989, 122(2) pp. 235-41.

OTHER PUBLICATIONS

E. H. Dunlop, et al., "Magnetic separation in biotechnology", Biotech ADVS, Vol. 2, 1984, pp. 66-69.

C. H. Setchell, "Magnetic Separations in Biotechnology - a Review", J. Chem. Tech. Biotechnol, Vol. 35B, No. 3, 1985, pp. 175-182.

J.H. Pizzonia, et al., "Immunomagnetic separation, primary culture, and characterization of cortical thick ascending limb plus distal convoluted tubule cells from mouse kidney", National Library of Medicine, File Medline, Medline accession no.

07783249, In Vitro Cell Dev Biol May 1991, 27A (5), pp. 409-416.

R.M. Leven, et al., "Immunomagnetic bead isolation of megakaryocytes from quinea-pig bone marrow: effect of recombinant interleukin-6 on size, ploidy and cytoplasmic fragmentation", National Library of Medicine, File Medline, Medline accession no.

07671620, Br J Haematol Mar 1991, 77 (3), pp. 267-273.

G. Kvalheim, et al., "Elimination of B-Lymphoma Cells from Human Bone Marrow: Model Experiments Using Monodisperse Magnetic Particles Coated with Primary Monoclonal Antibodies", Cancer Research, Vol. 47, February 1987, pp. 846-851.

J.T. Kemshead, et al., "Monoclonal antibodies and magnetic microspheres for the depletion of leukaemic cells from bone marrow harvested for autologous transplantation", Bone Marrow Transplantation, Vol. 2, 1987, pp. 133-139.

OTHER PUBLICATIONS

G. Kvalheim, et al., "Immunomagnetic purging of B-lymphoma cells from human bone marrow", Dialog Information Services, File 159, Cancerlit., Dialog accession no. 00559663, Fourth European Conference on Clinical Oncology and Cancer Nursing, Nov. 1-4, 1987, Madrid, Federation of European Cancer Societies, pp. 262, 1987.

T. Lea, et al, "Monosized, magenetic polymer particles: their use in separation of cells and subcellular components, and in the study of lymphocyte function in vitro", National Library of Medicine, File Medline, Medline accession no. 90234499, J Mol Recognit 1988 Feb;1(1): 9-18.

None of the above-cited documents, either alone or in combination with the references of record, is believed to render the claimed invention unpatentable. Accordingly, early allowance of this application is respectfully requested.

Respectfully submitted,

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By his attorneys,

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